



Division of Environmental Testing

2115 N Scranton St Suite 3040A

Aurora, CO 80045

800-440-5184

June 24, 2025

143 Diamond Ave
Parachute, CO 81635
970-285-2925

Project Manager : Blair Rollins
Project Name : P26W Tank Valve Failure
Project Number : N/A

Attached are the analytical results for P26W Tank Valve Failure N/A received by Elevation Diagnostics, Division of Environmental Testing on June 12, 2025. This is associated with Elevation's number AA24653 .

The results were analyzed under the guidelines of various methods. These methods are identified in the report as follows: "SW" is referring to the EPA's SW-846 Compendium; "EPA" is referring to 40 CFR part 136; "HACH" is referring to a method which was validated by HACH®; "SM" is referring to a revision of the Standard Methods For the Examination of Water and Wastewater; and "ASTM" is referring to the standard test method set forth by ASTM International.

The analytical results in this report apply specifically to the samples listed in the attached Chain of Custody. This report may only be duplicated in full.

Any deviations to sample integrity, method specifications, or Elevation Diagnostics's standard operating procedures are documented in the report below.

Please contact us for any questions or comments concerning the content of this report.

Thank you,

Elevation Diagnostics, Division of Environmental Testing

Chain of Custody Form

Client: QB Energy Operating, LLC
 Address: 143 Diamond Avenue
 City/State/ZIP: Parachute/ Colorado/ 81635
 Phone: (970) 640-6919
 Project Contact: Blair Rollins

Elevation Diagnostics

2115 North Scranton Street Suite 3040A Aurora, CO 80045
 800.440.5184

Project Name/Number: P26W Tank Valve Failure
 Project Location: P26W
 Collector Name: Marisa Michalski

Page 1 of 1

Sample ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix			Analysis Requested						Interim report requested	
					HCl	HNO ₃	None	Other	Water	Soil	Other	TPH (ORO, DRO, GRO)	SAR	pH	Arsenic	Hexavalent Chromium		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Notes
1	20250610-P26W-(STOCK01)	6/10/2025	1505	4			✓			✓		✓	✓	✓	✓	✓			
2	20250610-P26W-(STOCK02)	6/10/2025	1510	4			✓			✓		✓	✓	✓	✓	✓			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished By: Marisa Michalski
 Date/Time: 6/11/2025 1410

Relinquished By:
 Date/Time:

Relinquished By:
 Date/Time:

Scan to
 Deliver
 Samples



EFOR-008.005

Lab Use Only
 Observed Temperature Upon Receipt: 3.1c
 Corrected Temperature Upon Receipt: 4.1c
 Thermometer #: EDX238
 Correction Factor: 1.3c

Samples Intact: Yes No 2025-06-12-005
 pH Checked: Yes 4.8 Lot/EQM Number:
 pH Adjusted: Yes 4.0
 PFAS rec'd on ice: Yes No N/A
 Name/Lot Number of Adjustment: N/A

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FINAL RESULTS REPORT**Report Date :** 6/24/2025**Report Time :** 15:27**Project Manager:** Blair Rollins**Project Name:** P26W Tank Valve Failure**Project Number:** N/A

Sample ID	Customer ID	Collected	Dilution	Result	Units	MDL	Method Ref.
Analyte Name		Analysis Start					Recovery
AA24653-1	20250610-P26W-(STOCK01)	Collected : 06/10/2025	15:05				
EC & pH soil by saturated paste - pH soil Temperature		06/16/2025	14:30	22.30	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/16/2025	14:30	8.28	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/20/2025	12:51 10.00	1.58	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/20/2025	12:51 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/20/2025	12:51 10.00	4.95	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/20/2025	12:51 10.00	4.59	No Unit		EPA 6020B
AA24653-2	20250610-P26W-(STOCK01)	Collected : 06/10/2025	15:05				
Chromium VI, Soil		06/19/2025	09:40	<0.08	mg/kg	0.080	EPA 7199
Total Metals, Soils - Arsenic		06/14/2025	18:20 10.00	4.83	mg/kg	0.025	EPA 6020B
AA24653-3	20250610-P26W-(STOCK01)	Collected : 06/10/2025	15:05				
DRO & ORO, Soil - DRO		06/16/2025	12:51	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/16/2025	12:51	<100.00	mg/kg	100.00	EPA 8015D
VOC, Soils - Gasoline Range Organics		06/18/2025	00:00	2.50	mg/kg	0.268	EPA 8260
AA24654-1	20250610-P26W-(STOCK02)	Collected : 06/10/2025	15:10				
EC & pH soil by saturated paste - pH soil Temperature		06/16/2025	14:30	21.70	°C		USDA 60/EPA 9045
EC & pH soil by saturated paste - pH, soil		06/16/2025	14:30	8.30	SU	0.01	USDA 60/EPA 9045
SAR Saturated Paste - Calcium		06/20/2025	12:51 10.00	1.45	mEq/L	0.50	EPA 6020B
SAR Saturated Paste - Magnesium		06/20/2025	12:51 10.00	<0.82	mEq/L	0.82	EPA 6020B
SAR Saturated Paste - Sodium		06/20/2025	12:51 10.00	5.07	mEq/L	0.43	EPA 6020B
SAR Saturated Paste - Sodium Adsorption Ratio		06/20/2025	12:51 10.00	4.88	No Unit		EPA 6020B
AA24654-2	20250610-P26W-(STOCK02)	Collected : 06/10/2025	15:10				
Chromium VI, Soil		06/19/2025	09:40	0.08	mg/kg	0.080	EPA 7199
Total Metals, Soils - Arsenic		06/14/2025	18:20 10.00	5.06	mg/kg	0.025	EPA 6020B
AA24654-3	20250610-P26W-(STOCK02)	Collected : 06/10/2025	15:10				
DRO & ORO, Soil - DRO		06/16/2025	12:51	Not Detected	mg/kg	100.00	EPA 8015D
DRO & ORO, Soil - ORO		06/16/2025	12:51	<100.00	mg/kg	100.00	EPA 8015D
VOC, Soils - Gasoline Range Organics		06/18/2025	00:00	0.46	mg/kg	0.268	EPA 8260



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FINAL RESULTS REPORT

Report Date : 6/24/2025
Report Time : 15:27

Project Manager: Blair Rollins **Project Name:** P26W Tank Valve Failure **Project Number:** N/A

QC Report

QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
CHROM_VI_SOIL-9374										
DUP	AA24669	0.24	0.080	mg/kg					4.2553	- 20
MB	AA24812	0.02		mg/kg						
LCS	AA24814	1.46		mg/kg	1.60		91.2	80 - 120		
LCS	AA24815	1.45		mg/kg	1.60		90.6	80 - 120		

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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
DRO_ORO_SOIL-9384										
AA24654										
Dup	DRO	386.01				Not Detected			10.7	- 30
Dup	ORO	347.92				<100.00			1.24	- 50
Matrix Spike	DRO	429.75		mg/kg	350.00	Not Detected	123	70 - 130		
Matrix Spike	ORO	343.64		mg/kg	350.00	<100.00	98.2	50 - 150		
AA24854										
MB	DRO	Not Detected		mg/kg						
MB	ORO	Not Detected		mg/kg						
AA24855										
LCS	DRO	375.32		mg/kg			107	70 - 130		
LCS	ORO	326.15		mg/kg			93.2	50 - 150		
AA24856										
LCS	DRO	363.71		mg/kg			104	70 - 130		
LCS	ORO	312.22		mg/kg			89.2	50 - 150		
EC_PH-9388										
AA24665										
Dup	EC, soil	0.83	0.0005	mmhos/cm		0.82			1.21	- 5
Dup	pH soil Temperature	22.10		°C		22.20				
Dup	pH, soil	8.41	0.01	SU		8.38			0.357	- 5
AA24864										
LCS	EC, soil	9.79	0.0005	mmhos/cm			97.9	85 - 115		
LCS	pH, soil	6.85	0.01	SU			99.9	85 - 115		
AA24865										
LCS	EC, soil	9.88	0.0005	mmhos/cm			98.8	85 - 115		
LCS	pH, soil	6.83	0.01	SU			99.6	85 - 115		
METALS_S-9362										
AA24650										
Dup	Arsenic	5.87	0.025	mg/kg		5.16			12.9	0 - 15
Matrix Spike	Arsenic	21.99		mg/kg	20	5.16	84.2	80 - 120		
AA24779										
MB	Arsenic	0.00		mg/kg						
MB	Barium	0.00		mg/kg						
MB	Cadmium	0.00		mg/kg						
MB	Copper	0.00		mg/kg						
MB	Lead	0.00		mg/kg						
MB	Nickel	0.00		mg/kg						
MB	Selenium	0.00		mg/kg						
MB	Silver	0.00		mg/kg						
MB	Zinc	0.00		mg/kg						
AA24781										
LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		



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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

AA24782

LCS	Arsenic	0.10		mg/kg			100	80 - 120		
LCS	Barium	0.10		mg/kg			100	80 - 120		
LCS	Cadmium	0.10		mg/kg			100	80 - 120		
LCS	Copper	0.10		mg/kg			100	80 - 120		
LCS	Lead	0.10		mg/kg			100	80 - 120		
LCS	Nickel	0.10		mg/kg			100	80 - 120		
LCS	Selenium	0.10		mg/kg			100	80 - 120		
LCS	Silver	0.11		mg/kg			110	80 - 120		
LCS	Zinc	0.10		mg/kg			100	80 - 120		

SAR-9394

AA24665

Dup	Calcium	1.20		mEq/L	12.5	1.36			12.5	- 20
Dup	Magnesium	1.25		mEq/L	11.3	1.40			11.3	- 20
Dup	Sodium	6.17		mEq/L	10.4	6.85			10.4	- 20
Dup	Sodium Adsorption Ratio	5.57		mEq/L	4.56	5.83			4.56	- 20

AA24793

Dup	Calcium	13.24		mEq/L	13.24	11.66			12.7	- 20
Dup	Magnesium	5.25		mEq/L	5.25	4.63			12.6	- 20
Dup	Sodium	7.04		mEq/L	7.04	6.50			7.98	- 20
Dup	Sodium Adsorption Ratio	2.32		mEq/L	2.32	2.28			1.74	- 20

AA24873

MB	Calcium	0.00		mEq/L						
MB	Magnesium	0.00		mEq/L						
MB	Sodium	0.00		mEq/L						
MB	Sodium Adsorption Ratio	0.00								

AA24874

LCS	Calcium	10.36		ppm			104	80 - 120		
LCS	Magnesium	10.93		ppm			109	80 - 120		
LCS	Sodium	10.81		ppm			108	80 - 120		
LCS	Sodium Adsorption Ratio	0.56		ppm			104	80 - 120		

AA24875

LCS	Calcium	518.27		ppm			104	80 - 120		
LCS	Magnesium	539.58		ppm			108	80 - 120		
LCS	Sodium	560.00		ppm			112	80 - 120		
LCS	Sodium Adsorption Ratio	4.11		ppm			109	80 - 120		

VOC_S-9380

AA24577

Dup	1,2,4-trimethylbenzene	0.047	0.00245	mg/kg		0.0051			2.15	- 30
Dup	1,3,5-trimethylbenzene	0.048	0.005	mg/kg		<0.0050			4.08	- 30
Dup	Benzene	0.064	0.00242	mg/kg		<0.0024			8.13	- 30



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QC	Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%Rec	% REC Limits	RPD	RPD Limit
Dup	Ethylbenzene	0.050	0.005	mg/kg		<0.0050			4.08	- 30
Dup	Gasoline Range Organic	2.84	0.268	mg/kg		0.50			4.68	
Dup	m&p- xylene	0.104	0.00427	mg/kg		Not Detected			<0.00427	- 30
Dup	o-xylene	0.048	0.00227	mg/kg		<0.0023			<0.00227	- 30
Dup	Toluene	0.057	0.00263	mg/kg		<0.0026			7.27	- 30
Dup	Xylenes, total	0.152	0.00654	mg/kg		<0.0065			<0.00654	- 30
Matrix Spike	1,2,4-trimethylbenzene	0.046	0.00245	mg/kg	0.050	0.0051	81.8	70 - 130		
Matrix Spike	1,3,5-trimethylbenzene	0.050	0.005	mg/kg	0.050	<0.0050	100	70 - 130		
Matrix Spike	Benzene	0.059	0.00242	mg/kg	0.050	<0.0024	118	70 - 130		
Matrix Spike	Ethylbenzene	0.048	0.005	mg/kg	0.050	<0.0050	96.0	70 - 130		
Matrix Spike	Gasoline Range Organic	2.71	0.268	mg/kg	2.54	0.50	87.0			
Matrix Spike	m&p- xylene	0.104	0.00427	mg/kg	0.100	Not Detected	104	70 - 130		
Matrix Spike	o-xylene	0.048	0.00227	mg/kg	0.050	<0.0023	96.0	70 - 130		
Matrix Spike	Toluene	0.053	0.00263	mg/kg	0.050	<0.0026	106	70 - 130		
Matrix Spike	Xylenes, total	0.152	0.00654	mg/kg	0.150	<0.0065	101	70 - 130		

AA24842

MB	1,2,4-trimethylbenzene	<0.0025	0.00245	mg/kg						
MB	1,3,5-trimethylbenzene	Not Detected	0.005	mg/kg						
MB	Benzene	Not Detected	0.00242	mg/kg						
MB	Ethylbenzene	<0.0050	0.005	mg/kg						
MB	Gasoline Range Organic	0.27	0.268	mg/kg						
MB	m&p- xylene	<0.0043	0.00427	mg/kg						
MB	o-xylene	<0.0023	0.00227	mg/kg						
MB	Toluene	<0.0026	0.00263	mg/kg						
MB	Xylenes, total	<0.0065	0.00654	mg/kg						

AA24843

LCS	1,2,4-trimethylbenzene	0.058	0.00245	mg/kg			116	70 - 130		
LCS	1,3,5-trimethylbenzene	0.061	0.005	mg/kg			122	70 - 130		
LCS	Benzene	0.062	0.00242	mg/kg			124	70 - 130		
LCS	Ethylbenzene	0.052	0.005	mg/kg			104	70 - 130		
LCS	Gasoline Range Organic	2.80	0.268	mg/kg			110			
LCS	m&p- xylene	0.114	0.00427	mg/kg			114	70 - 130		
LCS	o-xylene	0.055	0.00227	mg/kg			110	70 - 130		
LCS	Toluene	0.056	0.00263	mg/kg			112	70 - 130		
LCS	Xylenes, total	0.169	0.00654	mg/kg			113	70 - 130		

AA24844

LCS	1,2,4-trimethylbenzene	0.051	0.00245	mg/kg			102	70 - 130		
LCS	1,3,5-trimethylbenzene	0.055	0.005	mg/kg			110	70 - 130		
LCS	Benzene	0.062	0.00242	mg/kg			124	70 - 130		
LCS	Ethylbenzene	0.048	0.005	mg/kg			96.0	70 - 130		
LCS	Gasoline Range Organic	2.02	0.268	mg/kg			79.5			
LCS	m&p- xylene	0.104	0.00427	mg/kg			104	70 - 130		
LCS	o-xylene	0.051	0.00227	mg/kg			102	70 - 130		
LCS	Toluene	0.055	0.00263	mg/kg			110	70 - 130		
LCS	Xylenes, total	0.155	0.00654	mg/kg			103	70 - 130		